

PHOTOCHROMIC LAMINATE

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Abstract

PURPOSE:A photochromic laminate, obtained by forming a polyorganosiloxane based cured film containing a specific compound on an organic plastic material and having improved coloring performance, reverse rate, light resistance, adhesion, surface hardness and scuff resistance.

CONSTITUTION:A laminate obtained by forming a polyorganosiloxane based cured film containing a spironaphthoxazine compound expressed by the formula (R is lower alkyl; X1 and X2 are H, OH, lower alkoxy or halogen; X3 and X4 are H, lower alkyl, lower alkoxy, halogen, nitro or cyano) on an organic plastic material.

USE:Light-shielding materials for lenses of eyeglasses, windows of buildings, automobiles, streetcars, aircraft, etc., instrument panels, showcases, etc., and display materials, materials for actinometers, photometers, optical filters, decorations, etc.

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